

DUPLICATE

Box 727
Kermit, Texas
June 28, 1951

File: H-420

Oil and Gas Inspector
District 1
New Mexico Oil Conservation Commission
Hobbs, New Mexico

Dear Sir:

Attached please find three copies of subsurface pressure test on our recently completed J. B. Brown No. 1, Roosevelt County, New Mexico.

This is a new pool opener and the bottom hole pressure is filed in accordance with rule No. 302.

Yours very truly,

MAGNOLIA PETROLEUM COMPANY

Ollie J. Ford, Jr.
Ollie J. Ford, Jr.
District Engineer

JWS:jw

Attach.

cc: Mr. Fred S. Wright, Jr. (2)
Mr. W. M. Kooble
Mr. J. W. Strayhorn

JUL - 2 1951

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NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Report on Initial Bottom Hole Pressure Test	X

June 28, 1951
Date

Kernit, Texas
Place

Following is a report on the work done and the results obtained under the heading noted above at the Magnolia

Petroleum Company, J. B. Brown Well No. 1 in the
Company or Operator Lease
660 N. 660 W of Sec. 6, T. 7-S, R. 34-E, N. M. P. M.,
Wildcat Pool Roosevelt County.

The dates of this work were as follows: 6-13-51

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____, and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Datum Depth, SS: 3780
Elevation: 4347
Top of Perforations 8131
Date of Test 6-13-51
Shut In Time 48
Temperature at Datum 155°F
Total Depth 9067
P.B.T.D. 8163
Corrected Pressure
at Datum 2682

Witnessed by C. A. Miller, Magnolia Petroleum Company, Petroleum Engineer Assistant
Name Company Title

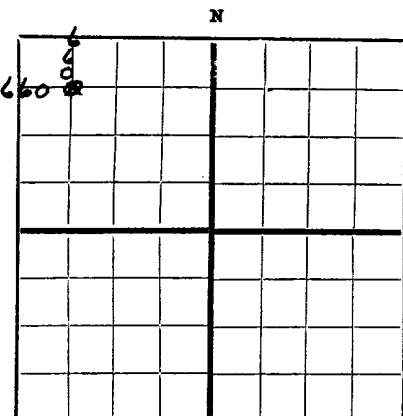
APPROVED:
OIL CONSERVATION COMMISSION

Roy Yankovich
Oil & Gas Inspector
JUL - 2 1951
Title

Date

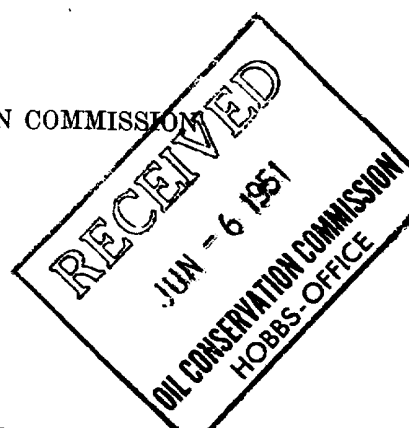
I hereby swear or affirm that the information given above is true and correct.

Name Charles A. Miller
Position Petroleum Engineer Assistant
Representing Magnolia Petroleum Company
Company or Operator
Address Box 727, Kernit, Texas

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.



Magnolia Petroleum Company Box 727, Kermit, Texas,
Company or Operator Address
J. B. Brown Well No. **1** in **N 1/4** of Sec. **6**, T. **7-S**
Lease
R. **34-2**, N. M. P. M. **Wildcat** Field, **East** **West** **Roosevelt** County.
Well is **660** feet south of the North line and **660** feet **West** of the **East** line of **Section 6**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **J. A. Brown**, Address **Kila, New Mexico**
If Government land the permittee is, Address
The Lessee is **Magnolia Petroleum Company**, Address **Box 727, Kermit, Texas.**
Drilling commenced **January 25** 19 **51** Drilling was completed **May 22** 19 **51**
Name of drilling contractor **Magnolia Petroleum Co.**, Address **Box 633, Midland, Texas.**
Elevation above sea level at top of casing **4347** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **8131** to **8143** No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS **See Reverse**

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	48	8-RT	H-40	364	Hesse	- - -	- -	- -	Surface
9-5/8	40	8-RT	H-80						
	36	8-RT	J-55	4330	Hesse	- - -	- -	- -	Intermediate
7	26	8-RT	H-80						
	26	8-RT	J-55						
	23	8-RT	H-80						
	23	8-RT	J-55	8273	Hesse	- - -	8131	8143	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/2	13-3/8	364	400	Pump & Plug	- - - -	- - - - -
12-1/4	9-5/8	4330	2725	Pump & Plug	- - - -	- - - - -
8-3/4	7	8273	1190	Pump & Plug	- - - -	- - - - -

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		See Reverse Side				

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **9067** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **May 30** 19 **51**
The production of the first 24 hours was **194.8** barrels of fluid of which **100** % was oil; % emulsion; % water; and % sediment. Gravity, Be. **- - - -**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas **- - - -**
Rock pressure, lbs. per sq. in. **- - - -**

EMPLOYEES

Driller Driller
Driller Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **9th**day of **June** 19 **51**

John F. Luce
Notary Public
in and for Wheeler County, Texas

My Commission expires

Kermit, Texas **June 5, 1951**Name **M. A. Luce**Position **District Superintendent**Representing **Magnolia Petroleum Company**
Company or OperatorAddress **Box 727, Kermit, Texas.**

J. B. Brown #1

FORMATION

From top rotary drive bushing to derrick floor

From top derrick floor to 13-3/8" OD casing

Caliche
Sand and shale
Red bed and red rock
Red bed

TOP BOTTOM MARKS

0 2.3
2.3 14.15
16.15 50
50 250
200 290
290 364

3/4" @ 15
1-1/2" @ 342

Set 13-3/8" OD casing 10 min.

Tested 13-3/8" OD and no break before or after drilling

1" @ 612
1/2" @ 1025, 1/2" @ 1534

ed bed and shale
ed bed, shale and some sandstones
ed bed and shale
ed bed, shale and streaks of hydrite
then anhydrite
d bed and streaks anhydrite
hydrite
l bed and anhydrite

364 530
530 640
640 1680
1680 1830
1830 1898
1898 2000
2000 2035
2035 2091

For Kates 2090

ben anhydrite and shale
hydrite and shale
hydrite and salt
hydrite and sand
hydrite and salt
hydrite and shale
irite

2091 2105
2105 2140
2140 2244
2244 2290
2290 2608
2608 2884
2884 3370

1/2" @ 2830
St. @ 2889

For San Andres 3200

rite and lime
rite
rite and lime
formation, salt or soft sand
ite and lime

3370 3420
3420 3471
3471 3559
3559 3577
3577 3783
3783 4160

2" @ 3660, 1-3/4" @ 3710
1-1/2" @ 3788, 1" @ 3844, 1/2" @ 4005,
3/4" @ 4095.

lime

4160 4227
4227 4330
360 4323

3/4" @ 4232, 1/2" @ 4330

rtion ran Calipers

Set 9-5/8" OD casing @ 4330 w/2060 max. 60 min. 515 min. 4475 and 150 min. 4175. 4475 max.

Tested 9-5/8" OD casing w/1600# 1 hr. no break, before or after drilling plug.

me
t and anhydrite

4330 4380
4380 4400
4400 4467
4467 4570

Circ. for samples for 2 hrs. @ 4470, San Andres, no shows.

For Florida 4475

shale, salt and lime
salt and lime
salt
and anhydrite
anhydrite

4570 4690
4690 4751
4751 4820
4820 4855
4855 4945

1/2" @ 4745

Anhydrite and lime	4945	5000
Anhydrite and salt	5000	5050
Anhydrite	5050	5075
Anhydrite and salt streaks	5075	5090
Anhydrite and dolomite	5090	5111
Anhydrite, dolomite and salt streaks	5111	5224
Anhydrite and dolomite	5224	5244
Anhydrite, dolomite and lime	5244	5313
Anhydrite and dolomite	5313	5456
Anhydrite, dolomite and salt streaks	5456	5512
Dolomite and anhydrite	5512	5600
Shale and salt	5600	5620
Dolomite, anhydrite and salt	5620	5669
Dolomite and salt	5669	5706
Dolomite and anhydrite	5706	5741
Dolomite, anhydrite and salt streaks	5741	5794
Dolomite, anhydrite and salt	5794	5834
Dolomite	5834	5864
Dolomite and anhydrite	5864	5910
Dolomite	5910	5987
Dolomite and sand	5987	6077
Dolomite	6077	6164
Lime and dolomite	6164	6214
Dolomite and salt	6214	6288
Dolomite, anhydrite and salt	6288	6322
Dolomite and anhydrite	6322	6360
Anhydrite	6360	6420
Dolomite and anhydrite	6420	6678
Dolomite and shale	6678	6702
Shale	6702	6710
Abe shale	6710	6812
Abe shale and little dolomite streaks	6812	6846
Abe shale and lime breaks	6846	6886
Shale and lime stringers	6886	6924
Abe blue and sticky	6924	6927
Abe red	6927	6935
Abe shale	6935	6948
Blue shale	6948	6949
Abe shale	6949	7178
Abe shale with dolomite and anhydrite streaks	7178	7206
Blue abe shale	7206	7216
Abe shale	7216	7221
Dolomite with little shale	7221	7246
Dolomite and shale	7246	7273
Dolomite	7273	7306
Shale and dolomite	7306	7336
Dolomite	7336	7353
Shale and dolomite	7353	7380
Dolomite	7380	7567
Lime	7567	7690
Lime and shale	7690	7735

8-3/4" Diamond Core Penn. 7735 7742

No Formation Logged 7742 7746
Lime 7746 7816
Lime and some gyp 7816 7834
Lime 7834 7953
No Formation Logged 7953 7961

Drill Stem Test 7946 7961

8-3/4" Diamond Core Permo Penn. 7961 7971

3/4" @ 4980

1/2" @ 5230

1" @ 5800

St. @ 6169

1" @ 6454, 1" @ 6647
Top Abe 6680', 259' high to A. K. Smith #1.

1/2" @ 7250

Top Permo Penn 7525'

Rec. 7',
Very shaley limestone.

Permo Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SS, No WG, Rec. 120' gas cut mud, BHFP 190#, 15 min. S-I BHP 300# HH 4600-4600#.

Rec. 10',
7961-7972 finely crystalline tan to gray stylolitic dense limestone, no shows.

8-3/4" Diamond Core Permian Penn.	7971	7992	Rec. 21', Top 6' gray limestone, 3' limy shale, 3' gray limestone, 6" small vuggy limestone, 8-1/2' finely crystalline gray limestone.
8-3/4" Diamond Core Permian Penn.	7992	8023	Rec. 13', Top 7' finely crystalline gray stylolitic limestone, 3', 30% small pencil point porosity, good odor, bleeding oil and gas, 1' barren, 3', 10% small pencil point porosity, good odor, bleeding oil and gas, 3' barren, 5' 30% small pencil point porosity, good odor, bleeding oil and gas, 9' finely crystalline gray barren limestone.
Drill Stem Test	7996	8023	Permian Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 63 min. 3.2 MCF/ 24 hrs. Rec. 218' heavy gas cut mud, no oil, BHFP 200-200#, 15 min. 8-I BHP no record. III 4775-4750.
Line	8023	8024	
8-3/4" Diamond Core Permian Penn.	8024	8051	Rec. 27', Finely crystalline to coarsely crystalline shaley limestone w/several shale stringers, 8024-36' trace scattered pin point porosity very tight w/odor.
8-3/4" Diamond Core Permian Penn.	8051	8071	Rec. 20', Top 14' finely crystalline gray limestone w/green shale partings, Bottom 6' finely crystalline gray limestone w/vuggy porosity, scattered bleeding oil, good fluorescence and odor
Attempted Drill Stem Test	8051	8071	Permian Penn. Packer failed.
Drill Stem Test	8061	8071	Permian Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 22 min. not enough to measure, Rec. 390' oil and gas cut mud, 810' slightly gas cut salt water, BHFP 390-500# 15 min. 8-I BHP 1900# HH 4700-4650#.
8-3/4" Diamond Core Permian Penn.	8071	8120	Rec. 49', Finely crystalline tan limestone w/green shale partings and several shale stringers, Top 4' trace to 10% inter- crystalline and vuggy porosity, odor and fluorescence, slight bleeding gas and oil.
8-3/4" Diamond Core Permian Penn.	8120	8132	Rec. 12', Top 8' black and green shale, Bottom 4' coarse quartz stained sand, fair fluorescence and good cut.
8-3/4" Diamond Core Permian Penn.	8132	8142	Rec. 10', Top 7' coarse stained sand w/good odor and cut, 3' finely crystalline gray sand w/black shale partings, no shows.
Drill Stem Test	8088	8142	Permian Penn. 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 4-1/2 min. Est. 1638 MCF/24 hrs. Mud 15 min. oil 20 min. cleaned in pits 40 min. Flowed 112.24 in 2 hrs. GOR 1216/1, Gravity 45.5° @ 60°, S/O 2% drlg. mud, SFP 220-210# BHFP 1685-1975#, 15 min. 8-I BHP 2995# HH 4560-4515#, Rev. out all but 270' gas cut mud, no water.

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8-3/4" Diamond Core Permian Penn.	8142	8152	Rec. 10', Top 9' black and gray shale, Bottom 1' dense quartz sand.
8-3/4" Diamond Core Permian Penn.	8152	8172	Rec. 20', Top 1' medium grain gray sub-angular quartz sand w/trace calcareous cement, 4' dark brown sandy micaceous shale w/abundant nodules finely crystalline brown limestone, 2' coarse grain gray shaley quartz sand, 3' black platy shale w/hair-line partings of very fine grain sand, 1' finely crystalline brown limestone w/fine quartz grains and brachiopods, 7' finely crystalline dark brown to black fossiliferous limestone w/3" shale stringers, 1' apart, shale has sand grains, 2' hard black shale.
Ran Schlumberger	4317	8169	
8-3/4" Diamond Core Permian Penn.	8172	8187	Rec. 15' 8172-73 dark gray shale, 8173-77 coarse grain sub-angular quartz sand w/green and gray shale, slight odor, 20% to 10% blue fluorescence and 10% yellow fluorescence, 8177-84 green micaceous sandy shale, 8184-87 green micaceous shale w/chert inclusions.
Drill Stem Test	8168	8187	Permian Penn. 2 packers, 1-1/2 hrs. 5/8" BHC and 1" SC, No WC, Rec. 130' drlg. mud, no shows, BHFP 50-63#, 15 min. S-I BHP 80#, HH 4600-4460#.
8-3/4" Diamond Core Permian Penn	8187	8191	Rec. 1', green shale w/gray opaque chert.
8-3/4" Diamond Core Permian Penn.	8191	8214	Rec. 23' 8191-92 green shale w/gray limestone inclusions and gray chert, 8195-97 finely crystalline gray limestone, w/green shale stringers, 8197-98 fine grain gray quartz sand, no shows, 8198-99 green sandy shale, 8199-8204 green and gray shale w/finely crystalline tan limestone, 8204-14 finely crystalline tan to brown limestone
			<u>Top Mississippian 8204</u>
8-3/4" Diamond Core Mississippian	8214	8260	Rec. 46' 8214-21 finely crystalline gray limestone trace vertical fractures, 8221-27 finely crystalline red to brown limestone w/shale and chert; 8227-37 finely crystalline fossiliferous limestone, 8238-46 finely crystalline tan limestone, good odor, 10 to 20% inter-crystalline porosity, 100% blue fluorescence, 8246-47 finely crystalline tan limestone trace inter-crystalline porosity, 8250-60 finely crystalline gray to tan limestone.
Drill Stem Test	8210	8260	Miss. . . . 2 packers, 3 hrs. 5/8" BHC and 1" SC, No WC, Gas 31 min, too small to measure, Rec. 360' oil and gas cut mud, 225' heavy oil and gas cut mud, 765' salt water, BHFP 80-550#, 15 min. S-I BHP 870#. HH 4630-4410#.

[illegible]

Journal of Management Studies, 19(6), 701-718.

[illegible]

1. *Chlorophyll a* (Chl *a*)

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The investigator must first identify the problem and then determine the scope of the study. The next step is to design the study. This involves determining the methods to be used and the data to be collected. The third step is to collect the data. This is done by the investigator who is responsible for the study. The fourth step is to analyze the data. This involves determining the results of the study and the conclusions to be drawn. The final step is to report the results of the study. This is done by the investigator who is responsible for the study.

[illegible]

1. The first of these is the fact that the
2. government has been unable to maintain a
3. consistent policy in the face of the
4. opposition of the various interest groups.
5. This has led to a situation where the
6. government is unable to carry out its
7. policies and is forced to compromise.
8. The second of these is the fact that the
9. government has been unable to maintain a
10. consistent policy in the face of the
11. opposition of the various interest groups.
12. This has led to a situation where the
13. government is unable to carry out its
14. policies and is forced to compromise.

[illegible]

1. The first of these is the fact that the
2. Government has not been able to secure the
3. necessary funds to carry out its policy.
4. This is due to the fact that the
5. Government has not been able to secure the
6. necessary funds to carry out its policy.
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8. Government has not been able to secure the
9. necessary funds to carry out its policy.
10. This is due to the fact that the
11. Government has not been able to secure the
12. necessary funds to carry out its policy.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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8-3/4" Diamond Core Mississippian 8260

8273

Halliburton ran Calipers

8268

Halliburton ran Temp. Survey

Line	8273	8276
No Formation Logged	8276	8277

Lane Wells ran Gamma Ray and Neutron Log	0	8285
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Line and chert	8287	8305
Line	8305	8329
Line and chert	8329	8335
Line and shale	8335	8355
Line and chert	8355	8363
Shale and line	8363	8370
Gumbo shale	8370	8382
Gumbo shale and line	8382	8403
Gumbo shale	8403	8432
Line and shale	8432	8464

Sticky shale	8464	8477
Shale gumbo and sand	8477	8485
Line	8485	8498
Line and sand	8498	8502
Line, sand and chert	8502	8507

6-1/8" Diamond core	8507	8517
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Shale and line	8517	8528
Line and sand	8528	8541
Line and shale	8541	8550
Line	8550	8552
Sandy line	8552	8569
Line	8569	8580

Drill Stem Test	8585	8588
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and Core Devonian	8580	8590
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Tests
break 160.
1 hr. no
log plug.

St. @ 829

Circ. for samples

Top Woodford 8440

Drilling break 8502-8507, 35-40
20 MFT.

Rec. 11',
Top 5' very dense gray limestone,
6" black shale, 2' very dense gray
limestone, 3-1/2' black shale.

Top Devonian 8570'. 960' high to
A. K. Smith #1.

Devonian, 2 packers, 1 hr. 5/8" BHG and
1" SC, No WC, Rec. 60' drlg. mud, no
shows, BHFP 0-400#, 15 min. S-I BHP 400#
HM 4300-4300#.

Rec. 10',
Top 9' finely crystalline dense dolomite
1', 20% 1/8" vugs, slight sulphur odor,
no fluorescence.

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DATE 10-10-2001 BY 60322
REASON: 25X

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6-1/8" Diamond Core Devonian	8590	8600	Rec. 10', Finally crystalline to medium crystalline tan gray dolomite, 10% pin point porosity sour odor, no fluorescence.
Drill Stem Test	8580	8600	Devonian, 2 packers, 1 hr. 5/8" BHC and 1" SG, No WG, Rec. 120' drlg. mud, no shows, All BHP zero, HH 4500-4600#.
6-1/8" Diamond Core Devonian	8600	8617	Rec. 17', Top 9' finely crystalline to coarsely crystalline white fractured dolomite salty, no fluorescence, 20% fractured porosity, Bottom 8' finely crystalline tan to light gray limestone, dense.
Drill Stem Test	8600	8617	Devonian, 2 packers, 2-1/2 hrs. 5/8" BHC and 1" SG, No WG, Rec. est. 1600' salty brackish water, lost all but 350', no oil or gas, BHFP 0-720#, 15 min. S-I BHP 2925#, HH 4450-4450#.
Line	8617	8627	Circ. for samples for 3 hrs. @ 8627
Dolomite and lime	8627	8641	
Line	8641	8695	Circ. for samples for 3 hrs. @ 8647.
			<u>Top Fuschman 8680'.</u>
Drill Stem Test	8670	8695	Fuschman, 2 packers, 1 hr. 5/8" BHC and 1" SG, No WG, Rec. 970' drlg. mud, no shows, BHFP 300-425#, 15 min. S-I BHP 1600#, HH 4400-4375#.
Line	8695	8767	1/2" @ 8745.
			<u>Top Montaya 8760'</u>
Dolomite and lime	8767	8781	
Line	8781	8821	
Line, chert and dolomite	8821	8836	
Line and chert	8836	8897	
Line	8897	8929	8917-8920 porosity and little stain.
Drill Stem Test	8916	8929	Montaya, 2 packers, 1 hr. 5/8" BHC and 1" SG, No WG, Rec. 100' drlg. mud, no shows, slight sulphur odor, BHFP 0-200# 15 min. S-I BHP 2775#, HH 4625-4400#.
Line	8929	8946	
			<u>Top Ellenberger 8945'.</u>
Dolomite and lime	8946	8994	
Line and chert	8994	9004	
Line	9004	9041	
Sandy lime	9041	9045	
			<u>Top Pre-Cambrian 9045'</u>
Granite wash	9045	9052	
6-1/8" Diamond Core Ellenberger	9052	9067	Rec. 15', Gray granite porphyry
Drill Stem Test	8940	9067	Ellenberger, 2 packers, 2 hrs. 5/8" BHC and 1" SG, No WG, Rec. 90' drlg. mud, 7200' salt water, no gas or oil, BHFP 172-3375#, 15 min. S-I BHP 3375# HH 4800-4450#.
Ran Schlumberger	8264	9065	
Plug back w/67 sax cement	9067	8707	
Plug back w/67 sax cement	8707	8442	

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Sheet #:

Squeezed	8273	8442	Set Baker C-I Retainer @ 8150. w/68 sac cement, 2000-4500#. Drill pipe found top cement 8157
Lane Wells ran Gamma Ray and Neutron Log		8163	
FBTD Corrected by Gamma Ray and Neutron Log	8157	8163	
Western Co. Perf. 7" OD	8131	8143	w/6 SPF Bullets. <u>Ran 2" tubing to 8161.</u>
Western Co. acidized	8131	8143	w/1000 gals. mud acid, TP 1000-1800- 2800#, CP 1000-2600-2200#, 22 min. 1.1 BPM.
RRJ Potential Test: Flowed 194.8 bbls. oil 24 hrs. 1/4" choke, GOR 1648/1, Gravity 47.6° @ 60°, S/O 4/10 of 1% BS and AW, Daily Allow. 1% BOPD, Est. 24 hrs. capacity 19% BOPD, TP 380-325#, CP 100-900#, 8 BPM.			
Total Depth Drilled	9067		
Total Depth Casing Set	8273		
Plug Back Total Depth	8163.		

1. The first part of the report is a summary of the work done during the year.

2. The second part is a detailed account of the work done during the year.

3. The third part is a summary of the work done during the year.

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7. The fourth part is a summary of the work done during the year.

8. The fifth part is a summary of the work done during the year.

9. The sixth part is a summary of the work done during the year.

10. The seventh part is a summary of the work done during the year.

11. The eighth part is a summary of the work done during the year.

12. The ninth part is a summary of the work done during the year.